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ABSTRACT

"COMPUTER ARCHITECTURE AND MULTI TIER NETWORK WITH REMOTE USER CENTRED OPERATING SYSTEM"

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      A multi-tier computer architecture is intended to allow access to a personal resources environment, via a network such as Internet from varied access points corresponding to different types of client workstations. The said computer architecture comprises:

10   - a standard relational database server tier comprising a database manager able to execute on request all operations on the data of the database, the which database contains, in a manner proper to each user, both data and documents constituting the unique and organised storage space of the user, and the database manager comprising remote operating system functionalities in relation with said

15   storage space.

      - a network communication tier comprising a communication server and a customer software able to communicate together in a standard network format, and

      - a software intermediate server tier connected on the one hand to the database server tier, and on the other hand, to the communication tier and containing

20   a set of servlets able, in response to requests from the communication tier, to cause via the database manager the remote execution of the functionalities of said system.